

## STN Columbus

## STN Search Summary

08/737319

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FILE 'CAPLUS' ENTERED AT 13:28:46 ON 18 MAY 2004

L1 81 S (IPP ISOMERASE)  
 L2 235 S ISOPENTENYL (2W) (DIPHOSPHATE OR PYROPHOSPHATE) (2W) ISOMERAS  
 L3 264 S L1 OR L2  
 L4 38 S L3 AND CAROTENOID  
 L5 9 S L3 AND (PHAFFIA OR RHODOZYMA OR HAEMATOCOCCUS OR PLUVIALIS)  
 L6 30 S L4 NOT L5

=&gt; d 1-9

L5 ANSWER 1 OF 9 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2004:183041 CAPLUS

TI Transgenic plants with enhanced ketolase activity for use in production of ketocarotenoids in flower petals

IN Schopfer, Christel Renate; Flachmann, Ralf; Herbers, Karin; Kunze, Irene; Sauer, Matt; Klebsattel, Martin

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2004018693	A2	20040304	WO 2003-EP9102	20030818
DE 10238979	A1	20040226	DE 2002-10238979	20020820
DE 10238978	A1	20040304	DE 2002-10238978	20020820
DE 10238980	A1	20040304	DE 2002-10238980	20020820
PRAI DE 2002-10238978	A	20020820		
DE 2002-10238979	A	20020820		
DE 2002-10238980	A	20020820		
DE 2002-10253112	A	20021113		
DE 2002-10258971	A	20021216		

L5 ANSWER 2 OF 9 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2001:208437 CAPLUS

TI DNA construct expressing keto group enzyme and its use to make transgenic oilseed plants for xanthophyll production

IN Hoeglund, Anna-Stina; Stalberg, Kjell

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2001020011	A1	20010322	WO 2000-SE1767	20000913
EP 1212444	A1	20020612	EP 2000-966616	20000913AL
JP 2003509057	T2	20030311	JP 2001-523782	20000913
NO 2002001305	A	20020515	NO 2002-1305	20020315
PRAI SE 1999-3336	A	19990917		
WO 2000-SE1767	W	20000913		

L5 ANSWER 3 OF 9 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1999:784235 CAPLUS

TI Genes for enzymes of carotenoid biosynthesis and metabolism of bacteria and plants and their uses

IN Cunningham, Francis X., Jr.; Sun, Zairen

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 9963055	A1	19991209	WO 1999-US12121	19990602
CA 2330167	AA	19991209	CA 1999-2330167	19990602
AU 9944109	A1	19991220	AU 1999-44109	19990602
EP 1088054	A1	20010404	EP 1999-927130	19990602
JP 2002517187	T2	20020618	JP 2000-552251	19990602
BR 9917265	A	20021203	BR 1999-17265	19990602
BR 2000007128	A	20010717	BR 2000-7128	20001204

## STN Columbus

PRAI US 1998-88724 A 19980602  
 US 1998-88725 A 19980602  
 WO 1999-US12121 W 19990602

L5 ANSWER 4 OF 9 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1999:701266 CAPLUS

TI Isolation of the **isopentenyl diphosphate isomerase** encoding gene of **Phaffia rhodozyma**; improved carotenoid production in *Escherichia coli*

AU Verdoes, Jan C.; Van Ooyen, Albert J. J.

SO Acta Botanica Gallica (1999), 146(1), 43-53

L5 ANSWER 5 OF 9 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1998:622597 CAPLUS

TI Differential expression of two **isopentenyl pyrophosphate isomerases** and enhanced carotenoid accumulation in a unicellular chlorophyte

AU Sun, Zairen; Cunningham, Francis X., Jr.; Gantt, Elisabeth

SO Proceedings of the National Academy of Sciences of the United States of America (1998), 95(19), 11482-11488

L5 ANSWER 6 OF 9 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1997:679160 CAPLUS

TI Plant genes for enzymes of carotenoid biosynthesis and metabolism and methods of cloning them

IN Cunningham, Francis X., Jr.; Sun, Zairen

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9736998	A1	19971009	WO 1997-US540	19970128
	US 5744341	A	19980428	US 1996-624125	19960329
	CA 2250096	AA	19971009	CA 1997-2250096	19970128
	AU 9715784	A1	19971022	AU 1997-15784	19970128
	AU 719727	B2	20000518		
	EP 889952	A1	19990113	EP 1997-902017	19970128
	BR 9708375	A	19990803	BR 1997-8375	19970128
	JP 2000507451	T2	20000620	JP 1997-535243	19970128
	ZA 9701941	A	19970910	ZA 1997-1941	19970306
PRAI	US 1996-624125	A	19960329		
	WO 1997-US540	W	19970128		

L5 ANSWER 7 OF 9 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1997:506702 CAPLUS

TI Improved transformation of and expression in **Phaffia** by using the promoter of glycolytic pathway gene or ribosomal protein gene

IN Verdoes, Jan Cornelis; Wery, Jan

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9723633	A1	19970703	WO 1996-EP5887	19961223
	EP 780474	A1	19970625	EP 1995-203620	19951222
	CA 2241267	AA	19970703	CA 1996-2241267	19961223
	AU 9713087	A1	19970717	AU 1997-13087	19961223
	AU 725340	B2	20001012		
	EP 870042	A1	19981014	EP 1996-944694	19961223
	JP 2000507087	T2	20000613	JP 1997-523340	19961223
	US 6329141	B1	20011211	US 1998-91725	19981119
	US 2004091958	A1	20040513	US 2001-1192	20011030
PRAI	EP 1995-203620	A	19951222		
	EP 1996-200943	A	19960411		
	WO 1996-EP5887	W	19961223		
	US 1998-91725	A1	19981119		

## STN Columbus

L5 ANSWER 8 OF 9 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 1997:394583 CAPLUS  
 TI Expression of an exogenous **isopentenyl diphosphate isomerase** gene enhances isoprenoid biosynthesis in *Escherichia coli*  
 AU Kajiwara, Susumu; Fraser, Paul D.; Kondo, Keiji; Misawa, Norihiko  
 SO Biochemical Journal (1997), 324(2), 421-426

L5 ANSWER 9 OF 9 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 1996:659426 CAPLUS  
 TI Recombinant preparation of carotenoid in transgenic microorganisms with improved yield  
 IN Kajiwara, Susumu; Misawa, Norihiko; Kondo, Keiji  
 SO PCT Int. Appl., 57 pp.  
 LA Japanese

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9628545	A1	19960919	WO 1996-JP574	19960308
	JP 08242861	A2	19960924	JP 1995-51234	19950310
	JP 3151371	B2	20010403		
	JP 2001136992	A2	20010522	JP 2000-320990	19950310
	JP 3403381	B2	20030506		
	AU 9648899	A1	19961002	AU 1996-48899	19960308
	AU 685354	B2	19980115		
	EP 769551	A1	19970423	EP 1996-905037	19960308
	NO 9604754	A	19970108	NO 1996-4754	19961108
PRAI	JP 1995-51234	A	19950310		
	WO 1996-JP574	W	19960308		

=> d 1-30

L6 ANSWER 1 OF 30 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 2004:356510 CAPLUS  
 TI Functional analysis of the final steps of the 1-deoxy-D-xylulose 5-phosphate (DXP) pathway to isoprenoids in plants using virus-induced gene silencing  
 AU Page, Jonathan E.; Hause, Gerd; Raschke, Maja; Gao, Wenyun; Schmidt, Juergen; Zenk, Meinhart H.; Kutchan, Toni M.  
 SO Plant Physiology (2004), 134(4), 1401-1413

L6 ANSWER 2 OF 30 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 2004:312870 CAPLUS  
 TI **Isopentenyl pyrophosphate isomerases** from *Melaleuca alternifolia* (Cheel) and their role in isoprenoid biosynthesis  
 AU Shelton, Dale A.; Leach, David N.; Henry, Robert J.  
 SO Journal of Horticultural Science & Biotechnology (2004), 79(2), 289-292

L6 ANSWER 3 OF 30 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 2003:237949 CAPLUS  
 TI Surrogate biochemistry: use of *Escherichia coli* to identify plant cDNAs that impact metabolic engineering of **carotenoid** accumulation  
 AU Gallagher, C. E.; Cervantes-Cervantes, M.; Wurtzel, E. T.  
 SO Applied Microbiology and Biotechnology (2003), 60(6), 713-719

L6 ANSWER 4 OF 30 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 2002:946472 CAPLUS  
 TI Genes and enzymes of **carotenoid** biosynthesis of *Paracoccus* and their use in increasing yields in **carotenoid** fermentation  
 IN Berry, Alan; Bretzel, Werner; Huembelin, Markus; Lopez-Ulibarri, Rual; Mayer, Anne Françoise; Yeliseev, Alexei

## STN Columbus

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002099095	A2	20021212	WO 2002-EP6171	20020605
	WO 2002099095	A3	20031218		
	US 2003148416	A1	20030807	US 2002-166225	20020605
	EP 1392824	A2	20040303	EP 2002-745362	20020605
PRAI	US 2001-296299P	P	20010606		
	WO 2002-EP6171	W	20020605		
L6	ANSWER 5 OF 30 CAPLUS COPYRIGHT 2004 ACS on STN				
AN	2002:784116 CAPLUS				
TI	Genetics of isoprenoid biosynthesis in <i>Paracoccus zeaxanthinifaciens</i>				
AU	Humbelin, Markus; Thomas, Ann; Lin, Junying; Li, Juan; Jore, Jan; Berry, Alan				
SO	Gene (2002), 297(1-2), 129-139				
L6	ANSWER 6 OF 30 CAPLUS COPYRIGHT 2004 ACS on STN				
AN	2002:575645 CAPLUS				
TI	Genes for enzymes of <b>carotenoid</b> biosynthesis and metab. of bacteria and plants and their uses				
IN	Cunningham, Francis X.; Sun, Zairen				
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2002102631	A1	20020801	US 1999-323998	19990602
	US 6642021	B2	20031104		
	US 5744341	A	19980428	US 1996-624125	19960329
	US 6524811	B1	20030225	US 1997-937155	19970925
PRAI	US 1996-624125	A3	19960329		
	US 1997-937155	A2	19970925		
	US 1998-88724	B2	19980602		
	US 1998-88725	B2	19980602		
L6	ANSWER 7 OF 30 CAPLUS COPYRIGHT 2004 ACS on STN				
AN	2002:408473 CAPLUS				
TI	Genes for <b>carotenoid</b> biosynthesis from <i>Agromyces mediolanus</i> and <i>Micrococcus luteus</i>				
IN	Desouza, Mervyn L.; Jessen, Holly; Schroeder, William A.; Gokarn, Ravi R.				
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002041833	A2	20020530	WO 2001-US43906	20011121
	WO 2002041833	A3	20030821		
	AU 2002035127	A5	20020603	AU 2002-35127	20011121
	EP 1360313	A2	20031112	EP 2001-985478	20011121
PRAI	US 2000-252749P	P	20001122		
	WO 2001-US43906	W	20011121		
L6	ANSWER 8 OF 30 CAPLUS COPYRIGHT 2004 ACS on STN				
AN	2002:123201 CAPLUS				
TI	Methyl-D-erythritol phosphate pathway gene <i>gcpE</i> from <i>Arabidopsis thaliana</i> and other plants				
IN	Boronat, Albert; Campos, Narciso; Rodriguez-Concepcion, Manuel; Rohmer, Michel; Seeman, Myriam; Valentin, Henry E.; Venkatesh, Tyamagondlu V.; Venkatramesh, Mylavaram				
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002012478	A2	20020214	WO 2001-US24335	20010806
	WO 2002012478	C1	20020704		
	WO 2002012478	A3	20030703		
	AU 2001090522	A5	20020218	AU 2001-90522	20010806
	US 2002069426	A1	20020606	US 2001-921992	20010806

## STN Columbus

EP 1356033            A2    20031029            EP 2001-970529    20010806  
 PRAI US 2000-223483P    P    20000807  
       WO 2001-US24335    W    20010806

L6 ANSWER 9 OF 30 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 2002:121160 CAPLUS  
 TI Evaluation of transgenic tomato plants expressing an additional phytoene synthase in a fruit-specific manner  
 AU Fraser, Paul D.; Romer, Susanne; Shipton, Cathie A.; Mills, Philippa B.; Kiano, Joy W.; Misawa, Norihiko; Drake, Rachel G.; Schuch, Wolfgang; Bramley, Peter M.  
 SO Proceedings of the National Academy of Sciences of the United States of America (2002), 99(2), 1092-1097

L6 ANSWER 10 OF 30 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 2001:851409 CAPLUS  
 TI Improved **carotenoid** biosynthesis in oilseed plants and its uses in specialty oil production  
 IN Shewmaker, Christine K.  

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI WO 2001088169	A2	20011122	WO 2001-US15264	20010511
WO 2001088169	A3	20020801		
PRAI US 2000-570140	A	20000512		

L6 ANSWER 11 OF 30 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 2001:628031 CAPLUS  
 TI Effect of the Cnr mutation on **carotenoid** formation during tomato fruit ripening  
 AU Fraser, P. D.; Bramley, P.; Seymour, G. B.  
 SO Phytochemistry (2001), 58(1), 75-79

L6 ANSWER 12 OF 30 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 2001:24491 CAPLUS  
 TI Cyanobacteria overexpressing **carotenoid** biosynthesis gene(s) and method for producing **carotenoids**  

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI FR 2792335	A1	20001020	FR 1999-4912	19990419
PRAI FR 1999-4912		19990419		

L6 ANSWER 13 OF 30 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 2000:722121 CAPLUS  
 TI Evidence of a role for lytB in the nonmevalonate pathway of isoprenoid biosynthesis  
 AU Cunningham, Francis X., Jr.; Lafond, Toulouse P.; Gantt, Elisabeth  
 SO Journal of Bacteriology (2000), 182(20), 5841-5848

L6 ANSWER 14 OF 30 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 2000:605899 CAPLUS  
 TI Novel hydroxycarotenoids with improved antioxidative properties produced by gene combination in Escherichia coli  
 AU Albrecht, Manuela; Takaichi, Shinichi; Steiger, Sabine; Wang, Zheng-Yu; Sandmann, Gerhard  
 SO Nature Biotechnology (2000), 18(8), 843-846

## STN Columbus

L6 ANSWER 15 OF 30 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 2000:353948 CAPLUS  
 TI A carotenogenic gene cluster from *Brevibacterium linens* with novel  
 lycopene cyclase genes involved in the synthesis of aromatic **carotenoids**  
 AU Krubasik, P.; Sandmann, G.  
 SO Molecular and General Genetics (2000), 263(3), 423-432

L6 ANSWER 16 OF 30 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 2000:286802 CAPLUS  
 TI The photosynthesis gene cluster of *Rhodobacter sphaeroides*  
 AU Naylor, Grant William; Addlesee, Hugh Alistair; Gibson, Lucien Charles  
 Donald; Hunter, Christopher Neil  
 SO Photosynthesis Research (1999), 62(2-3), 121-139

L6 ANSWER 17 OF 30 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 2000:43038 CAPLUS  
 TI Increased production of zeaxanthin and other pigments by application of  
 genetic engineering techniques to *Synechocystis* sp. strain PCC 6803  
 AU Lagarde, Delphine; Beuf, Laurent; Vermaas, Wim  
 SO Applied and Environmental Microbiology (2000), 66(1), 64-72

L6 ANSWER 18 OF 30 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 1999:196834 CAPLUS  
 TI The Discovery of a Novel Site of Action for Herbicidal Bisphosphonates  
 AU Cromartie, Thomas H.; Fisher, Karl J.; Grossman, Jeanne N.  
 SO Pesticide Biochemistry and Physiology (1999), 63(2), 114-126

L6 ANSWER 19 OF 30 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 1998:765655 CAPLUS  
 TI "Differential expression of two **isopentenyl pyrophosphate isomerases**  
 and enhanced **carotenoid** accumulation in a unicellular chlorophyte" by  
 Zairen Sun, Francis X. Cunningham, Jr., and Elisabeth Gantt  
 AU Anon.  
 SO Proceedings of the National Academy of Sciences of the United States of  
 America (1998), 95(24), 14585

L6 ANSWER 20 OF 30 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 1998:507784 CAPLUS  
 TI Identification of genes affecting lycopene formation in *Escherichia coli*  
 transformed with **carotenoid** biosynthetic genes: candidates for early  
 genes in isoprenoid biosynthesis  
 AU Hemmi, Hisashi; Ohnuma, Shin-ichi; Nagaoka, Kuniaki; Nishino, Tokuzo  
 SO Journal of Biochemistry (Tokyo) (1998), 123(6), 1088-1096

L6 ANSWER 21 OF 30 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 1998:126371 CAPLUS  
 TI Using enzymes of **carotenoid** biosynthesis to alter the **carotenoid**  
 content and fatty acid profile of seeds  
 IN Shewmaker, Christine K.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9806862	A1	19980219	WO 1997-US14035	19970808
	AU 9740584	A1	19980306	AU 1997-40584	19970808
	EP 925366	A1	19990630	EP 1997-938203	19970808
	CN 1227609	A	19990901	CN 1997-197150	19970808
	BR 9713462	A	20000328	BR 1997-13462	19970808
	JP 2001505409	T2	20010424	JP 1998-509911	19970808
	ZA 9707469	A	19980219	ZA 1997-7469	19970820
	US 2002092039	A1	20020711	US 2002-41472	20020110

STN Columbus

PRAI US 1996-24145P P 19960809  
 US 1997-908758 A1 19970808  
 WO 1997-US14035 W 19970808

L6 ANSWER 22 OF 30 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 1996:75083 CAPLUS  
 TI Open reading frame 176 in the photosynthesis gene cluster of Rhodobacter  
 capsulatus encodes idi, a gene for **isopentenyl diphosphate isomerase**  
 AU Hahn, Frederick M.; Baker, Jonathan A.; Poulter, C. Dale  
 SO Journal of Bacteriology (1996), 178(3), 619-24

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L6 ANSWER 23 OF 30 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 1995:280519 CAPLUS  
 TI Effects of clomazone on **IPP isomerase** and prenyl transferase  
 activities in cell suspension cultures and cotyledons of solanaceous  
 species  
 AU Scott, Jon E.; Weston, Leslie A.; Chappell, Joseph; Hanley, Kathleen  
 SO Weed Science (1994), 42(4), 509-16

L6 ANSWER 24 OF 30 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 1994:478020 CAPLUS  
 TI Light-stimulated **carotenoid** biosynthesis during transformation of maize  
 etioplasts is regulated by increased activity of **isopentenyl**  
**pyrophosphate isomerase**  
 AU Albrecht, Manuela; Sandmann, Gerhard  
 SO Plant Physiology (1994), 105(2), 535-43

L6 ANSWER 25 OF 30 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 1992:230115 CAPLUS  
 TI Herbicide clomazone does not inhibit in vitro geranylgeranyl synthesis  
 from mevalonate  
 AU Weimer, Monte R.; Balke, Nelson E.; Buhler, Douglas D.  
 SO Plant Physiology (1992), 98(2), 427-32

L6 ANSWER 26 OF 30 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 1991:2210 CAPLUS  
 TI Site of clomazone action in tolerant-soybean and susceptible-cotton  
 photomixotrophic cell suspension cultures  
 AU Norman, Michael A.; Liebl, Rex A.; Widholm, Jack M.  
 SO Plant Physiology (1990), 94(2), 704-9

L6 ANSWER 27 OF 30 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 1990:547194 CAPLUS  
 TI The herbicide Command does not inhibit the prenyl diphosphate-forming  
 enzymes in plastids  
 AU Luetzow, Manfred; Beyer, Peter; Kleinig, Hans  
 SO Zeitschrift fuer Naturforschung, C: Journal of Biosciences (1990),  
 45(7-8), 856-8

L6 ANSWER 28 OF 30 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 1987:454106 CAPLUS  
 TI Interconversion of prenyl pyrophosphates and subsequent reactions in the  
 presence of FMC 57020  
 AU Sandmann, Gerhard; Boeger, Peter  
 SO Zeitschrift fuer Naturforschung, C: Journal of Biosciences (1987), 42(6),  
 803-7

STN Columbus

L6 ANSWER 29 OF 30 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1987:153150 CAPLUS  
TI Metabolism of plastid terpenoids: in vitro inhibition of phytoene  
synthesis by phenethyl pyrophosphate derivatives  
AU Dogbo, Odette; Bardat, Francoise; Quennemet, Joelle; Camara, Bilal  
SO FEBS Letters (1987), 210(2), 211-15

L6 ANSWER 30 OF 30 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1966:475484 CAPLUS  
TI Conversion of mevalonic acid to  $\gamma,\gamma$ -dimethylallyl  
pyrophosphate by Mycoplasma  
AU Henrikson, Carl V.; Smith, Paul F.  
SO Journal of Bacteriology (1966), 92(3), 701-6



Day : Tuesday  
Date: 5/18/2004

Time: 13:26:32


**PALM INTRANET**

## Inventor Name Search Result

Your Search was:

Last Name = KAJIWARA

First Name = SUSUMU

Application#	Patent#	Status	Date Filed	Title	Inventor Name 7
09503505	6387688	150	02/14/2000	DNA FRAGMENTS HAVING BASIDIOMYCETE-DERIVED PROMOTER ACTIVITY AND EXPRESSION OF FOREIGN GENES UNDER CONTROL OF THE PROMOTER ACTIVITY	KAJIWARA, SUSUMU
09335919	6150130	150	06/18/1999	DNA STRANDS USEFUL FOR THE SYNTHESIS OF XANTHOPHYLLS AND THE PROCESS FOR PRODUCING THE XANTHOPHYLLS	KAJIWARA, SUSUMU
09006491	5972690	150	01/13/1998	DNA STRANDS USEFUL FOR THE SYNTHESIS OF XANTHOPHYLLS AND THE PROCESS FOR PRODUCING THE XANTHOPHYLLS	KAJIWARA, SUSUMU
08737319	Not Issued	071	11/12/1996	A DNA CHAIN USEFUL FOR INCREASING PRODUCTION OF CAROTENOIDS	KAJIWARA, SUSUMU
08663310	5811273	150	09/23/1996	DNA STRANDS USEFUL FOR THE SYNTHESIS OF XANTHOPHYLLS AND THE PROCESS FOR PRODUCING THE XANTHOPHYLLS	KAJIWARA, SUSUMU
08632434	5910433	150	04/23/1996	KETO GROUP-INTRODUCING ENZYME, DNA CODING THEREFOR AND METHOD FOR PRODUCING KETOCAROTENOIDS	KAJIWARA, SUSUMU
08557128	5849524	150	05/24/1996	TRANSFORMATION SYSTEMS FOR THE YEAST CANDIDA UTILIS AND THE EXPRESSION OF HETEROLOGOUS GENES	KAJIWARA, SUSUMU

THEREWITH

**Inventor Search Completed:** No Records to Display.

<b>Search Another: Inventor</b>	<b>Last Name</b>	<b>First Name</b>	
	<input type="text" value="kajiwara"/>	<input type="text" value="susumu"/>	<input type="button" value="Search"/>

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Day : Tuesday  
Date: 5/18/2004


**PALM INTRANET**

Time: 13:26:56

**Inventor Name Search Result**

Your Search was:

Last Name = MISAWA

First Name = NORIHIKO

Application#	Patent#	Status	Date Filed	Title	Inventor Name 11
09950822	Not Issued	020	09/13/2001	METHOD FOR PRODUCING A HETEROCYCLIC COMPOUND AND AN AROMATIC CARBOXYLIC ACID HAVING ONE OR MORE HYDROXYL GROUPS, AND MODIFIED AROMATIC RING DIOXYGENASE	MISAWA, NORIHIKO
09335919	6150130	150	06/18/1999	DNA STRANDS USEFUL FOR THE SYNTHESIS OF XANTHOPHYLLS AND THE PROCESS FOR PRODUCING THE XANTHOPHYLLS	MISAWA, NORIHIKO
09006491	5972690	150	01/13/1998	DNA STRANDS USEFUL FOR THE SYNTHESIS OF XANTHOPHYLLS AND THE PROCESS FOR PRODUCING THE XANTHOPHYLLS	MISAWA, NORIHIKO
08737319	Not Issued	071	11/12/1996	A DNA CHAIN USEFUL FOR INCREASING PRODUCTION OF CAROTENOIDS	MISAWA, NORIHIKO
08663310	5811273	150	09/23/1996	DNA STRANDS USEFUL FOR THE SYNTHESIS OF XANTHOPHYLLS AND THE PROCESS FOR PRODUCING THE XANTHOPHYLLS	MISAWA, NORIHIKO
08632434	5910433	150	04/23/1996	KETO GROUP-INTRODUCING ENZYME, DNA CODING THEREFOR AND METHOD FOR PRODUCING KETOCAROTENOIDS	MISAWA, NORIHIKO
08557128	5849524	150	05/24/1996	TRANSFORMATION SYSTEMS FOR THE YEAST CANDIDA UTILIS AND THE EXPRESSION	MISAWA, NORIHIKO

				OF HETEROLOGOUS GENES THEREWITH	
08485994	Not Issued <i>Abandoned</i>	161	06/07/1995	DNA SEQUENCES USEFUL FOR THE SYNTHESIS OF CAROTENOIDS	MISAWA , NORIIKO
08209617	5589581 <i>Erwinia uedovora</i>	150	03/10/1994	DNA SEQUENCES USEFUL FOR THE SYNTHESIS OF CAROTENOIDS <i>No IPP isomerase</i>	MISAWA , NORIIKO
07783705	5429939 <i>Erwinia herbicola</i>	150	10/23/1991	DNA SEQUENCES USEFUL FOR THE SYNTHESIS OF CAROTENOIDS <i>No IPP isomerase</i>	MISAWA , NORIIKO
07519011	Not Issued <i>Abandoned</i>	166	04/19/1990	DNA SEQUENCES USEFUL FOR THE SYNTHESIS OF CAROTENOIDS	MISAWA , NORIIKO

Inventor Search Completed: No Records to Display.

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Application#	Patent#	Status	Date Filed	Title	Inventor Name 11
09908855	6610514	150	07/20/2001	METHOD FOR TRANSFORMING CANDIDA UTILIS	KONDO, KEIJI
09622540	6423510	150	08/18/2000	CANDIDA BOIDINI DIHYDROXYACETONE SYNTHASE PROMOTER	KONDO, KEIJI
09335919	6150130	150	06/18/1999	DNA STRANDS USEFUL FOR THE SYNTHESIS OF XANTHOPHYLLS AND THE PROCESS FOR PRODUCING THE XANTHOPHYLLS	KONDO , KEIJI
09242690	6284534	150	02/23/1999	YEAST VECTOR COMPRISING A SHORTENED PROMOTER SEQUENCE	KONDO , KEIJI
09006491	5972690	150	01/13/1998	DNA STRANDS USEFUL FOR THE SYNTHESIS OF XANTHOPHYLLS AND THE PROCESS FOR PRODUCING THE XANTHOPHYLLS	KONDO , KEIJI
08737319	Not Issued	071	11/12/1996	A DNA CHAIN USEFUL FOR INCREASING PRODUCTION OF CAROTENOIDS	KONDO , KEIJI
08663310	5811273	150	09/23/1996	DNA STRANDS USEFUL FOR THE SYNTHESIS OF XANTHOPHYLLS AND THE PROCESS FOR PRODUCING THE XANTHOPHYLLS	KONDO , KEIJI
08632434	5910433	150	04/23/1996	KETO GROUP-INTRODUCING ENZYME, DNA CODING THEREFOR AND METHOD FOR PRODUCING KETOCAROTENOIDS	KONDO , KEIJI
08557128	5849524	150	05/24/1996	TRANSFORMATION SYSTEMS FOR THE YEAST CANDIDA	KONDO , KEIJI

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